

**From:** [Caporale, Cynthia](#)  
**To:** [Gray, Wendy](#)  
**Subject:** FW: MCHM 101 predicions: request to EPA re fate and transport questions for WV health  
**Date:** Monday, February 10, 2014 1:30:37 PM

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Here is the email string. Ronald Ney's email is at bottom.

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**From:** Kelly, Jack (R3 Phila.)  
**Sent:** Thursday, February 06, 2014 8:41 AM  
**To:** Linden, melissa; Matlock, Dennis; Wright, Dave; Wisniewski, Patti-Kay; Arguto, William; Caporale, Cynthia; Ferrell, Mark; binetti, victoria  
**Cc:** Burns, Francis; Werner, Lora; Smith, Art  
**Subject:** Fw: MCHM 101 predicions: request to EPA re fate and transport questions for WV health

All. See below and request for help. Who do we contact at EPA for assistance?

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**From:** Werner, Lora  
**Sent:** Thursday, February 06, 2014 8:22:00 AM  
**To:** Burns, Francis; Kelly, Jack (R3 Phila.)  
**Cc:** Markiewicz, Karl; Helverson, Robert  
**Subject:** Fw: MCHM 101 predicions: request to EPA re fate and transport questions for WV health

Hi Fran and Jack

Could you share this with your WV Env Unit group? Would EPA be willing to share some thoughts on the questions raised in the email forwarded below with Dr. Tierney and Walt Ivey?

Maybe we could discuss at 9 am.

Thanks, Lora

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**From:** Tierney, Letitia <[Letitia.Tierney@wv.gov](mailto:Letitia.Tierney@wv.gov)>  
**Sent:** Wednesday, February 05, 2014 9:25:55 PM  
**To:** 'Werner.Lora@epa.gov'; 'Helverson.Robert@epa.gov'; 'rmi0@cdc.gov'; 'txp1@cdc.gov'  
**Subject:** FW: MCHM 101 predicions

Hello gang:

Here is another one that I will need help with crafting a response. Thank you.

Letitia Tierney, MD JD  
Commissioner Bureau of Public Health  
State Health Officer  
West Virginia Department of Health and Human Resources  
350 Capitol Street, Room 702  
Charleston, WV 25301  
304-558-2971

[Letitia.Tierney@WV.gov](mailto:Letitia.Tierney@WV.gov)

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**From:** Ivey, Walter M  
**Sent:** Wednesday, February 05, 2014 7:37 PM  
**To:** Tierney, Letitia  
**Cc:** Taylor, Barb S; Douglas, J D  
**Subject:** FW: MCHM 101 predictions

Dr. Tierney, An email that was forwarded to me from Randy Huffman. Any suggestion on how to handle this email? Should it be forwarded to a chemist to see if they have a response? Thanks.  
Walt

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**From:** Huffman, Randy C  
**Sent:** Wednesday, February 05, 2014 4:49 PM  
**To:** Ronald Ney  
**Cc:** Ivey, Walter M  
**Subject:** RE: MCHM 101 predictions

Ex. 6 - Personal Privacy Thank you for this information. Your input is very much appreciated. In order for this type of information to be properly evaluated, it is necessary that it reach the appropriate officials. To that end, I am forwarding this to the Bureau of Public Health which is the appropriate governmental authority on the issues you raise.  
Randy

**From:** Ex. 6 - Personal Privacy  
**Sent:** Tuesday, February 04, 2014 6:54 PM  
**To:** Tomblin, Earl Ray; Huffman, Randy C; [echilton@wagazette.com](mailto:echilton@wagazette.com)  
**Cc:** Ron & Sue McClure Ney  
**Subject:** MCHM 101 predictions

To: Earl Ray Tomblin, Governor of West Virginia, Governor  
[earl.ray.tomblin@wv.gov](mailto:earl.ray.tomblin@wv.gov)

To: Randy C. Huffman, Cabinet Secretary, Department of Environmental Protection, [randy.c.huffman@wv.gov](mailto:randy.c.huffman@wv.gov)

Cc: Elizabeth Hilton, [echilton@wagazette.com](mailto:echilton@wagazette.com)

From: Ex. 6 - Personal Privacy

Subject: MCHM 101 degradation prediction

Dear Governor Tomblin and others

I cannot understand why some chemist from West Virginia University or some other university has not informed you on the following.

There are registered pesticides with similar formulas such as cyclohexane, cyclohexanol, cyclohexanone and etc.

MCHM is a cyclohexane. Cyclohexane can degrade to cyclohexanol a pesticide and to nitrophenol (p-nitrophenol is a pesticide) and to nitrosamines which are carcinogens. A pesticide chemist who has reviewed pesticide data on fate in transport of pesticides in air, water, soil, plants and animals should be able to predict this.

Since there is little if any data on the degradation of MCHM in air, water, soil, plants and animals one can use predictive methods knowing that such methods can have a large percent error. However they are helpful. The USEPA should have residue data on the pesticide to help draw some conclusions. There is a Jujitsu CAChe model that can predict toxicity and etc. If the physical chemical properties are known such as Koc, Kow, WS and OW they can be used to predict fate in the environment. A prediction of what can happen is better than no to little data.

I would never drink the water until I knew if the following was discerned in the drinking water and in the river.

- Are nitrosamines which are carcinogens present?
- Are radioactive chemicals present?
- What residues (parent and degradates) were they looking for?
- ü I would also like to have seen the residue data (residue meaning parent and degradates), the extraction method(s) and determinative method(s) used to discern the presence or absence.
- ü Do they even know what degradates to look for?

My only request is to let the people know about this and to protect them especially vulnerable children, pregnant women, nursing mothers, persons with immune disorders, elderly and wounded veterans.

Respectfully submitted,

Ex. 6 - Personal Privacy

Advocate for Valid Science

**Ex. 6 - Personal Privacy**

